



CITY OF EAST CHICAGO
George Pabey, Mayor

Nickie Geros
Pre-Treatment Coordinator
East Chicago Sanitary District
Wastewater Division
5201 Indianapolis Boulevard
East Chicago, IN 46312
Phone: (219) 391-8466
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June 23, 2009

Fred Davis
United Transportation Group
1150 E. 145th Street
East Chicago, IN 46312

RE: Permit Revised for Outfall No. 521 2009
Permit Amendment No. 004 Addition of Waste stream No. 006 to Permit

Dear Mr. Davis:

Please find a revised permit with the new waste stream per conversation and information sent by Jack DeVience. The District has approved the new waste stream No. 006 of the Landfill leachate water for discharge form Outfall No. 521.

I have placed the changes in the permit along with the methods. There were some errors made to the previous permit regarding parameters for the CWT. The methods and limits were not correct. Everything is updated. In regards to the CWT parameters, barium is no longer on the list.

If you should have any questions regarding the permit or any changes, please do not hesitate to contact me at 391-8466. Thank you.

Sincerely,

A handwritten signature in cursive script, appearing to read "Nickie Geros".
Nickie Geros

Encls.

Cc: Jack DeVience

EAST CHICAGO SANITARY DISTRICT
EAST CHICAGO, INDIANA
INDUSTRIAL WASTEWATER DISCHARGE PERMIT
NO. 521

ISSUED TO

UNITED TRANSPORTATION GROUP (UTG)

NOTICE OF PERMIT AMENDMENT

The following amendment is hereby incorporated into the above permittee's Industrial Wastewater Discharge Permit. The provisions of this amendment become effective immediately regarding the self-monitoring of *categorical parameters that shall be run twice annually* by the permittee according to Federal Regulations. This Amendment No. 004 is effective immediately as of June 22, 2009 and expires on June 30, 2011.

Amendment 004

United Transportation Group will continue under the categorical standards found in **40CFR Part 437 Centralized Waste Treatment Point Source Category (CWT)**. There is an additional waste stream, which, is the only active one at the moment frequency shall remain the same.

Wastestream 006 -Veolia Valley View Landfill leachate water approximately 5,000 - 6,000 gallons about 5 to 6 times per week.

**EAST CHICAGO SANITARY DISTRICT
EAST CHICAGO, INDIANA
INDUSTRIAL WASTEWATER DISCHARGE PERMIT**

I)a) In compliance with Article 13.13.5.01 (General permits) of the East Chicago Wastewater Discharge Resolution No. S.D. 93-10, (Ordinance No. 0-93-0017) (hereinafter "Ordinance"), the East Chicago Sanitary District (hereinafter "District"), by the issuance of this permit, authorizes

United Transportation Group (hereinafter "permittee")
SIC Code: 4741 Rail
7699 Truck

to discharge the following, and only the following, specific wastewater streams from its facility located at

1150 East 145th Street

to the District's publicly owned treatment works (hereinafter "POTW"):

- i) i) Soap and Detergent Manufacturing
- ii) Petroleum Refining
- iii) Centralized Waste Treatment Point Source Category CWT subpart D-Multiple Waste streams part 437.47 (PSNS)
- iv) Pharmaceutical Manufacturing
- v) Transportation Equipment Cleaning Point Source Category part 442
- vi) Sanitary wastewater
- vii) Landfill leachate water

This permit sets forth the standards required of the permittee by the District to ensure compliance with the limitations and conditions of the Ordinance and, where applicable, standards established by the State or Federal authorities. Unless otherwise specified, these requirements shall take effect upon issuance of this permit and shall remain in effect until the expiration date of this permit or until the permit is modified in accordance with Article 13.13.5.02.3 (Permit Modifications) of the Ordinance.

b) By the issuance of this permit, the District acknowledges that the permittee has complied with the requirements set forth in Article 13.13.5.02.2 (Permit Application) of the Ordinance.

c) By the issuance of this permit, the District acknowledges that the permittee has paid the assessed permit application fee as provided in Article 13.13.4.03 (Permit Application Fees) of the Ordinance.

d) In compliance with Article 13.13.5.02.4(b) of the Ordinance, the District designates both this permit and the permittee's discharge and sampling location by the identification number 521.

e) In accordance with Articles 13.13.5.02.3 (Permit Modifications) and 13.13.5.02.5 (Permits Duration) of the Ordinance, both this permit and the authorization to discharge shall expire five (5) years from the date of issuance.

f) In accordance with Article 13.13.5.02.6 (Limitations on Permit Transfer) of the Ordinance, the District forbids the employment of this permit by any other than the permittee named in Part I) a) of

this permit. The District also forbids the employment of this permit for any purpose, or any location, other than those specified in Part I)a) of this permit.

II) a) The permittee shall at no time discharge wastewater containing pollutants in excess of any of the following specific pollutant limitations as established by Article 13.13.3.02.3 (Specific Pollutant Limitations) of the Ordinance:

These limitations are for the CWT point source category part 437.25.

<u>Metal</u>			<u>SM 18TH ED</u>	
<u>Parameter</u>	<u>Limitation</u>	<u>Sample Type</u>	<u>Method Number</u>	<u>Limit Type</u>
T=Total				
Chromium (T)	0.282 mg/L ECSD 0.282 mg/L	composite	200.7	daily max monthly avg.
Copper (T)	0.170 mg/L ECSD 0.170 mg/L	composite	200.7	daily max monthly avg.
Lead (T)	0.224 mg/L ECSD 0.160 mg/L	composite	200.7	daily max monthly avg.
Nickel (T)	3.95 mg/L 1.45 mg/L	composite	200.7	daily max monthly avg.
Zinc (T)	2.87 mg/L 0.641 mg/L	composite	200.7	daily max monthly avg.
Organics				
bis(2-ethylhexyl)	0.267 mg/L	composite	625	daily max
phthalate	0.158 mg/L	composite	625	monthly avg.
Carbazole	0.392 mg/L	composite	625	daily max
	0.233 mg/L	composite	625	monthly avg.
n-Decane	5.79 mg/L	composite	625	daily max
	3.31 mg/L	composite	625	monthly avg.
Fluoranthene	0.690 mg/L	composite	625	daily max
	0.393 mg/L	composite	625	monthly avg.
n-Octadecane	1.22 mg/L	composite	625	daily max

This specific list of contaminants shall not relieve the permittee of its responsibility to comply with all other specific pollutants as listed in the Ordinance 13.13.3.02.3. The district requires complete compliance with the Sewer User Ordinance and compliance with all local limitations:

<u>PARAMETER</u>	<u>Limitation</u>	<u>Sample Type</u>	<u>EPA Test Method</u>	<u>Limit Type</u>
Arsenic	0.5 mg/L	composite	200.7	daily max
Cadmium	0.140 mg/L	composite	200.7	daily max
Chromium, Total	0.282 mg/l	composite	200.7	daily max
Copper	0.170 mg/L	composite	200.7	daily max
Cyanide (free)	0.003 mg/L	composite	4500-CN-G SM	daily max
Lead	0.224 mg/L	composite	200.7	daily max
Mercury	0.0002 ng/L *	composite	1631, Revision E	daily max

Molybdenum	0.2 mg/L	composite	246.2	daily max
Nickel	0.390 mg/L	composite	200.7	daily max
Silver	0.05	composite	200.7	daily max
Zinc	5.5 mg/L	composite	200.7	daily max
Ammonia-Nitrogen	77 mg/L	composite	4500-NH3 F SM	daily max
Thallium	4.3 mg/L	composite	200.7	daily max
Total Phosphorus	5.5 mg/L	composite	4500 B-SM	daily max
Fluoride	2.9 mg/L	composite	4500 F-C-SM	daily max
Oil and Grease	50 mg/L	grab	1664, Revision A	daily max
pH	<5 and >10 S.U.	grab	150	instantaneous
Phenols,4-AAP	0.7 mg/L	composite	420.1	daily max
Residual Chlorine	0.4 mg/L	grab	330	instantaneous
Fluoranthene	0.69 mg/L	grab	625	daily max
Bis(2ethylhexyl)	1.03 mg/L	grab	625	daily max
Phthalate				

b) [RESERVED: amendments(s) pursuant to Article 13.13.5.02.3 of the Ordinance (Permit Modifications)].

c) The permittee shall comply with the discharge prohibitions listed in Articles 3.01 (General Discharge Prohibitions) and 13.13.3.02.5 (Dilution) of the Ordinance.

d) The permittee shall comply with the discharge prohibitions listed in Article 13.13.3.01.2 (Limitations on Trucked or Hauled Waste) of the Ordinance.

III) The permittee shall comply with all the conditions of Article 13.13.5.06 (Pretreatment) of the Ordinance.

IV)a) The permittee shall comply with all the conditions of Article 13.13.5.04 a) (Monitoring Facilities and Calibration Requirements) of the Ordinance, and shall secure the District's approval of all devices and methods prior to operation. The monitoring facility is located inside of the pretreatment building, which is 1150 East 145th Street, where the effluent discharges at the end of treatment with a flow meter. **The monitoring point is identified as No. 521.**

b) Pursuant to Article 13.13.5.04.b (Calibration Requirements) of the Ordinance, the permittee shall submit to the District written notification that calibration and maintenance have been performed on each flow-measuring device employed by the permittee. Said notification shall be submitted every April and October, and shall be signed by an authorized representative of the permittee.

V) a) Pursuant to Article 13.13.5.02.4(f) of the Ordinance, the permittee will be required to perform self-monitoring.

Subpart A-442.15 Tank Trucks and Intermodal Tank Containers Transporting Chemical & Petroleum Cargos

<u>PARAMETER</u>	<u>Sample Type</u>	<u>EPA Test Method</u>		<u>Sample Frequency</u>	<u>Limit & Type</u>
		<u>Number</u>			
Non-polar material (SGT-HEM)	Grab	1664		2x per year	26 mg/L daily max
Copper	composite	220.2		2x per year	0.170 mg/L daily max
Mercury	composite	1631, Revision E		2x per year	0.0002 ng/L (nanogram/L) daily max

Subpart B-part 442.25-Rail Tank Cars Transporting Chemical & Petroleum Cargos

<u>PARAMETER</u>	<u>Sample Type</u>	<u>EPA Test Method</u>		<u>Sample Frequency</u>	<u>Limit & Type</u>
		<u>Number</u>			
Non-polar material (SGT-HEM)	Grab	1664		2x per year	26 mg/L daily max
Fluoranthene	composite	625		2x per year	0.076 mg/L daily max
Phenanthrene	composite	625		2x per year	0.34 mg/L and

When any self-monitoring is performed, it should be in accordance with Title 40 CFR Part 136.

Analytical data will be reported to the District within thirty (30) days. If the sampling performed by the permittee indicates a violation, the permittee shall notify the District within twenty four (24) hours of becoming aware of the violation, and resample within thirty (30) days.

b) The permittee is required to submit to the District all data obtained through any self-monitoring of a discharge conducted in accordance with Title 40 CFR part 136. This data must be submitted within thirty (30) days of sampling.

c) If the permittee monitors any pollutant more frequently than required by the District (if required by the District), using the procedures prescribed in Title 40 CFR Part 136, the results of this monitoring must be submitted to the District within thirty (30) days.

d) The District shall routinely monitor the permitted discharge for compliance with this permit and the ordinance. The District will charge the permittee for the cost to conduct this monitoring. Self-monitoring by the permittee can be conducted in lieu of some District monitoring, if desired by the permittee. This permit can be modified by the District at the permittee's request to include additional self-monitoring by the permittee for this purpose.

VI)a) In compliance with Article 13.13.5.03.2 (Compliance Reports) of the Ordinance, the permittee is **not required** to submit two (2) compliance reports annually due to the information submitted through monthly reports and monthly monitoring.

b) In accordance with Article 13.13.5.03.5 (Spill Control Plans) of the Ordinance, Spill Control Plans will be submitted on a biennial basis to the District.

c) In compliance with Article 13.13.3.03 (Accidental Discharges) of the Ordinance, and in the event of an accidental discharge of either prohibited substances or an excess of regulated substances to the POTW, the permittee shall alert the District immediately upon occurrence. Within five (5) working days of the occurrence, the permittee shall provide written notification of the discharge. The notification shall specify no less than the following:

- i) the location of the discharge;
- ii) the date and time of the discharge;
- iii) the type of waste discharged;
- iv) the concentration and volume of the waste; and
- v) an explanation of corrective actions taken.

d) In compliance with Article 13.13.6.08 (Operating Upsets) of the Ordinance, and in the event of an operating upset, the permittee shall alert the District within 24 hours of recognition of the upset. Within five (5) days of recognition of the upset, the permittee shall submit a written follow-up report. The report shall specify no less than the following:

- i) a description of the upset and its cause;
- ii) the impact of the upset on the permittee's compliance status;
- iii) the duration of non-compliance, including exact dates and times of noncompliance;
- iv) if noncompliance continues, the date by which compliance should be attained; and
- v) an explanation of actions to be taken to prevent recurrence of an upset or other conditions of non-compliance.

e) In the event of a non-accidental discharge of any prohibited substance or an excess of regulated substances to the POTW, the permittee shall alert the District immediately upon occurrence. Within five (5) working days of the occurrence, the permittee shall provide written notification of the Discharge. The notification shall specify no less than the following:

- i) the location of the discharge;
- ii) the date and time of the discharge;
- iii) the type of waste discharged;
- iv) the concentration and volume of the waste; and
- v) an explanation of corrective actions taken.

f) In the event of any slug discharge or any other discharge which could cause problems to the POTW, which shall mean any pollutant, including oxygen demanding pollutants (BOD, COD, etc.), pollutants which create a fire or explosion hazard, pollutants which will cause corrosive structural damage, solid or viscous pollutants in amounts which will cause an obstruction to the flow in the POTW, or any heat in amounts which will inhibit biological activity in the POTW, released in such a single extraordinary discharge episode of such volume or strength as to cause interference to the POTW, the permittee shall alert the District immediately upon occurrence. Within five working days of the occurrence, the permittee shall provide written notification of the discharge. The notification shall specify no less than the following:

- i) the location of the discharge;
- ii) the date and time of the discharge;
- iii) the type of waste discharged;

- iv) the concentration and volume of the waste; and
- v) an explanation of corrective actions taken.

Signs shall be permanently posted in conspicuous places on the Discharger's premises, advising employees whom to call in the event of a slug, accidental, or non-accidental discharge. Employers shall instruct all employees who may cause or discover such a discharge with respect to emergency notification procedures.

g) Pursuant to Article 13.13.5.03.6 (Hazardous Waste Notification) of the Ordinance, the permittee shall submit to the District, on a biennial basis, a list of all substances present in each discharge which, if disposed of by other means would be considered hazardous as defined by 40 CFR, Part 261.

h) Pursuant to Article 13.13.5.03.7 (Notification of Changed Discharge) of the Ordinance, the permittee shall notify the District in advance of any substantial change in the volume and/or character of pollutants in each discharge.

i) The above-mentioned reports, and all other reports, correspondence, and information as the District may require shall be signed and dated by an authorized representative of the permittee.

j) The permittee shall comply with the inspection and sampling requirements listed in Article 13.13.5.05 (Inspection and Sampling) of the Ordinance.

k) The permittee in order to operate a wastewater or water treatment plant, shall have an operator with the qualifications as established in the Indiana Administrative Code, Title 327-IAC-8-12-3, Section 3(a). In accordance with Title 327-IAC-8-12-1(8), "operator" shall mean the person in direct or responsible charge and supervising the operation of a wastewater or water treatment plant and/or a water distribution system. All industrial pretreatment facilities shall be classified per Title 327-IAC-8-12-2(b). These classifications shall be based on the type of treatment afforded, design population equivalent, and the average daily flow.

VII)a) The permittee shall comply with all requirements of this permit and with all requirements of the Ordinance not specifically referenced by the permit.

b) In any event of non-compliance, the permittee shall be subject to all applicable enforcement actions as set forth in Article Six (Enforcement) of the Ordinance, and all applicable penalties set forth in Article Seven (Penalties) of the Ordinance. Any permittee who is found to have violated an order of the District or who has failed to comply with any provision of the Ordinance, and the regulations, or rules of the District, or orders of any court of competent jurisdiction or permits issued hereunder, shall be liable for a penalty of up to \$2,500.00 per violation, per day. Each day that a violation occurs shall be deemed a separate offense and subject to penalty.

VIII) The permittee shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from non-compliance with the permit, including such accelerated or additional monitoring as the District may require determining the nature and impact of the non-complying discharge.

IX) Pursuant to Article Eight (Records Retention) of the Ordinance, the Permittee shall retain and preserve any records relating to monitoring, sampling, and analysis for a period of no less than three (3) years.

X) To continue discharging to the POTW beyond the expiration date of this permit, the permittee shall apply for and obtain a new permit. The application shall be submitted at least 45 days before the expiration date of this permit.

XI) The conditions of this permit are severable. Should any one condition be held invalid, all remaining conditions shall not be affected and shall continue in full force and effect.